

FIG. 1A

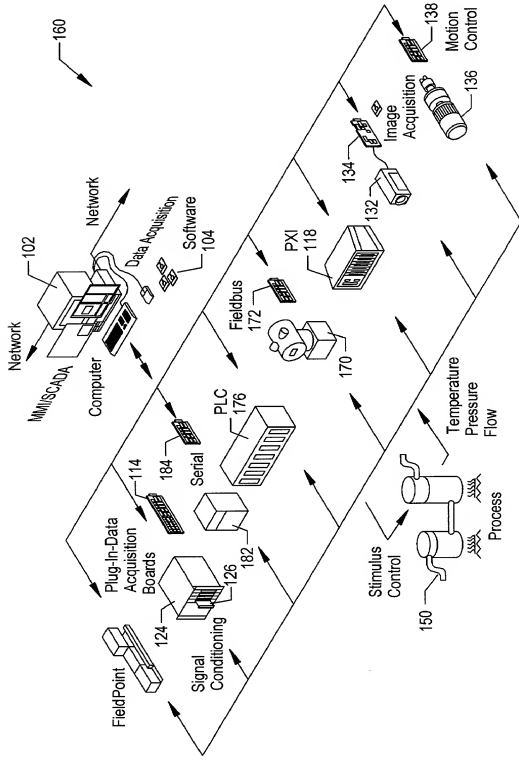


FIG. 1B

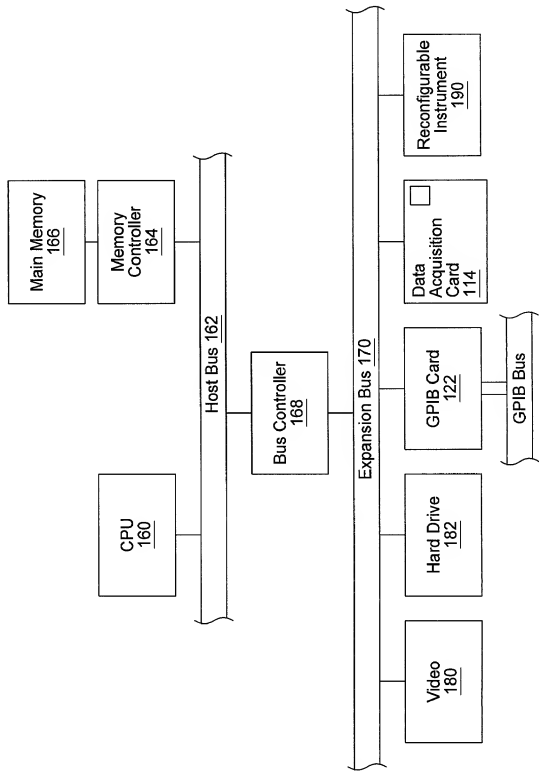


FIG. 2

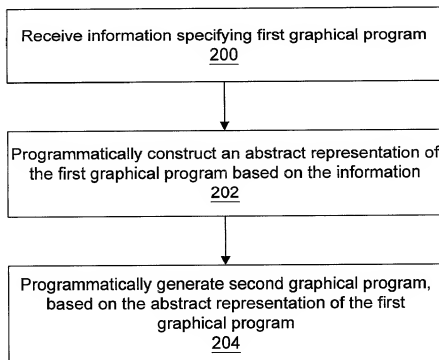


FIG. 3

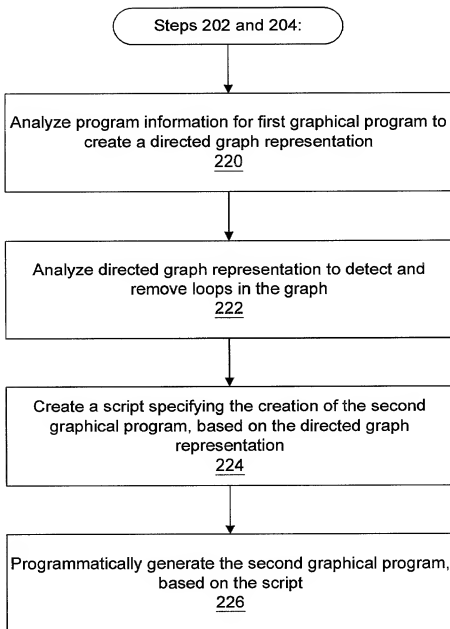


FIG. 4

Step 220:

Create an array of block diagram nodes
240

Create an array of lines, wherein each line connects a
block diagram source node to a block diagram destination
node
242

Determine and record coordinate bounds and origins
related to user interface panel(s) and block diagram
panel(s)
244

Create adjacency list specifying data flow, control flow,
and/or execution flow for the block diagram nodes
246

FIG. 5

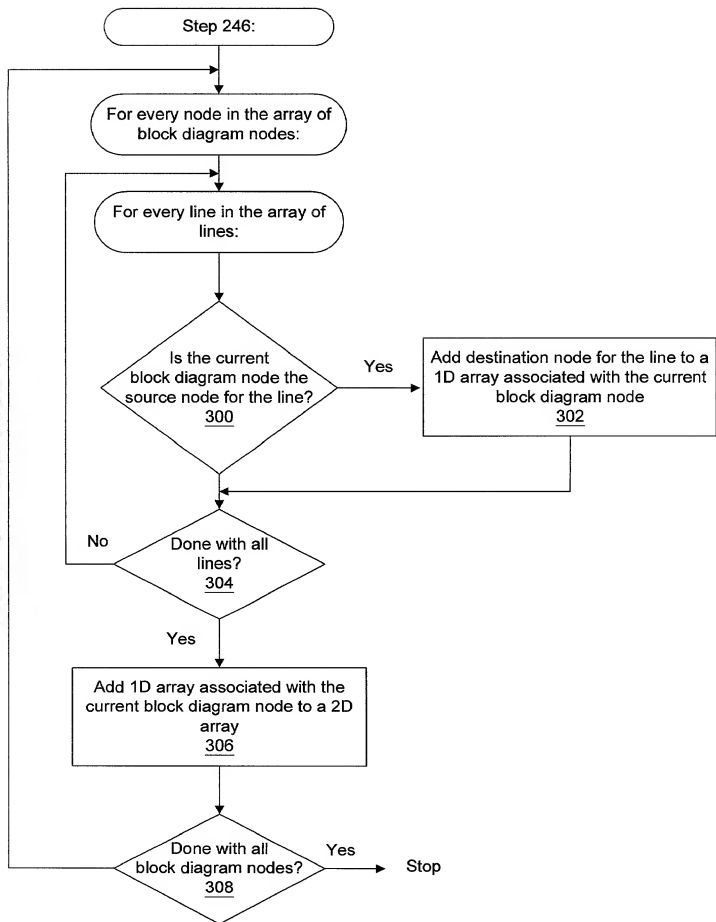


FIG. 6

000221"01524460

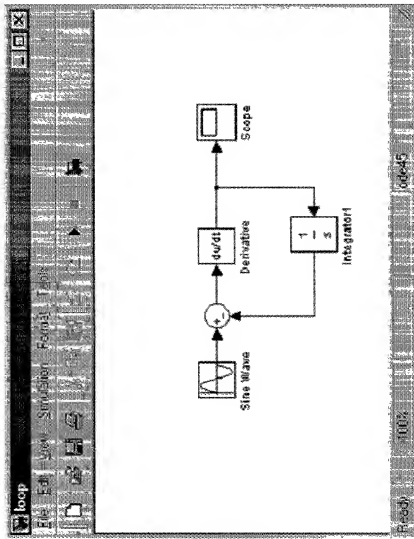


FIG. 7

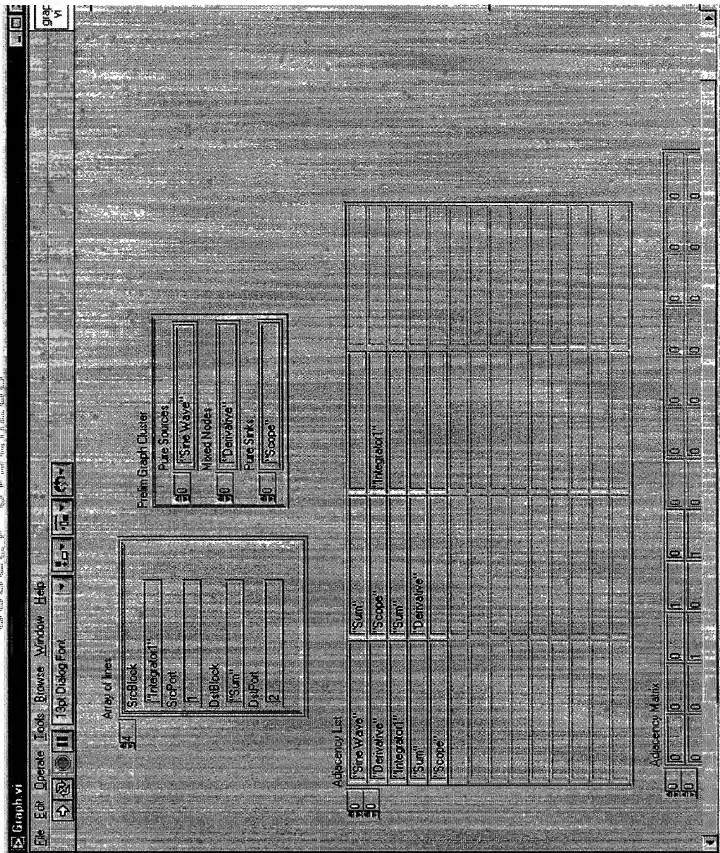


FIG. 8

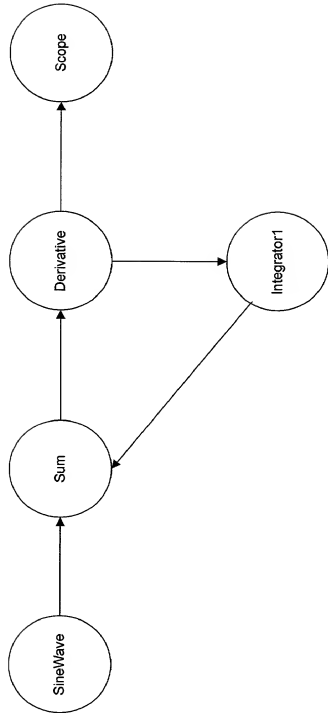


FIG. 9

FIG. 10

000221" 01524760

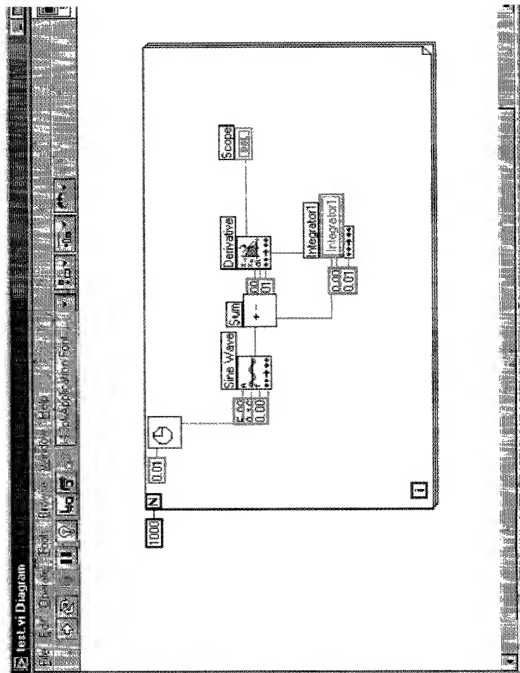


FIG. 11

000221-01524/60

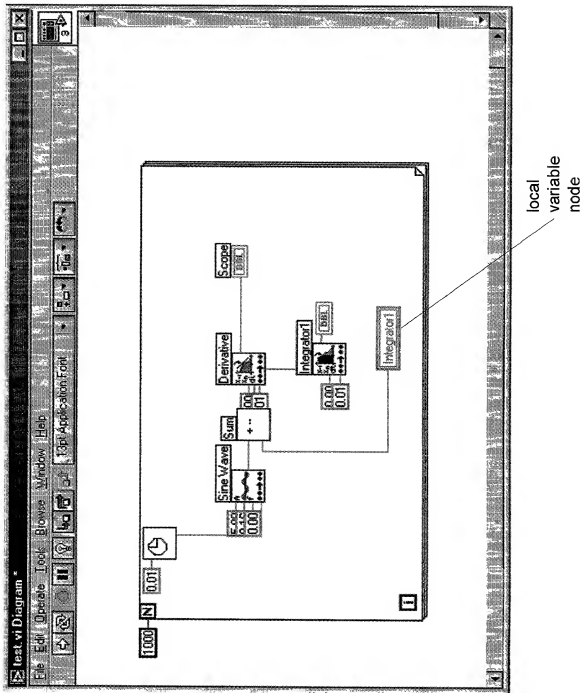


FIG. 12

000221*01524260

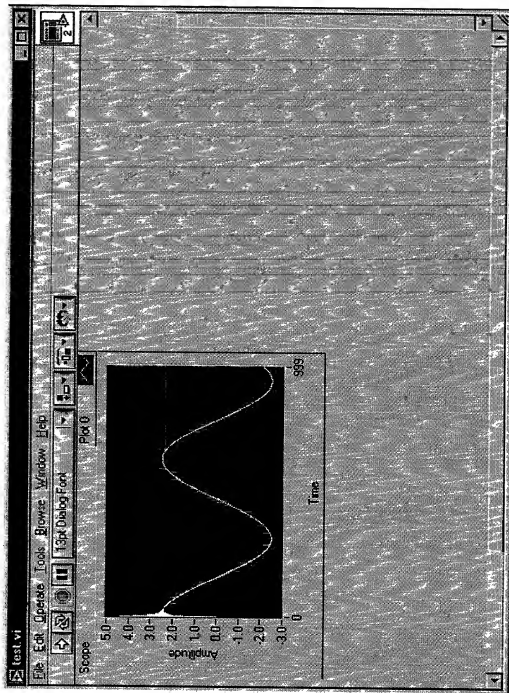


FIG. 13

000221* 01524760

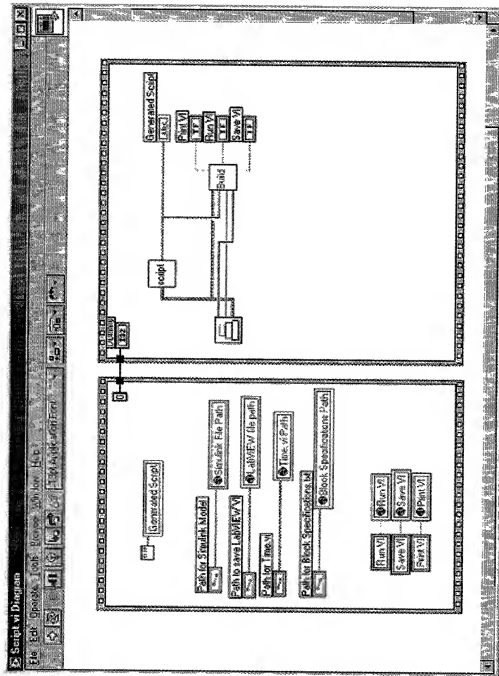


FIG. 14

097510 1000

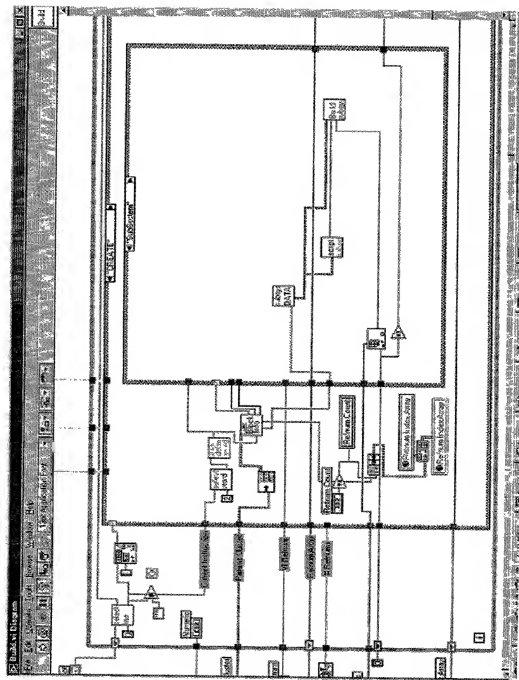


FIG. 16

0742510-1200000

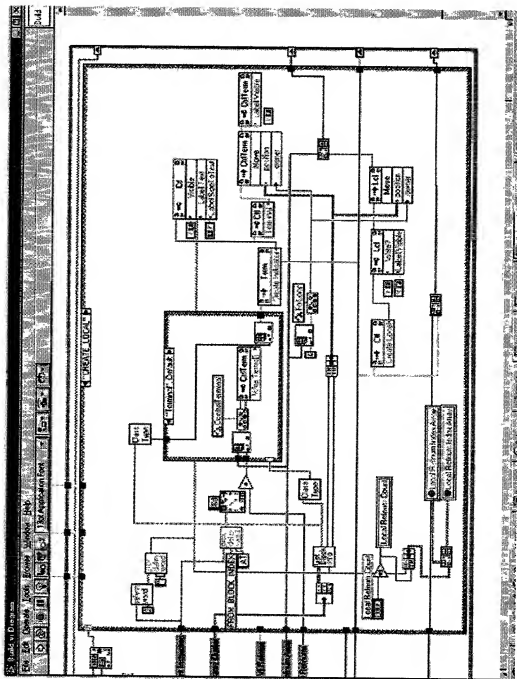


FIG. 17

000221*01524760

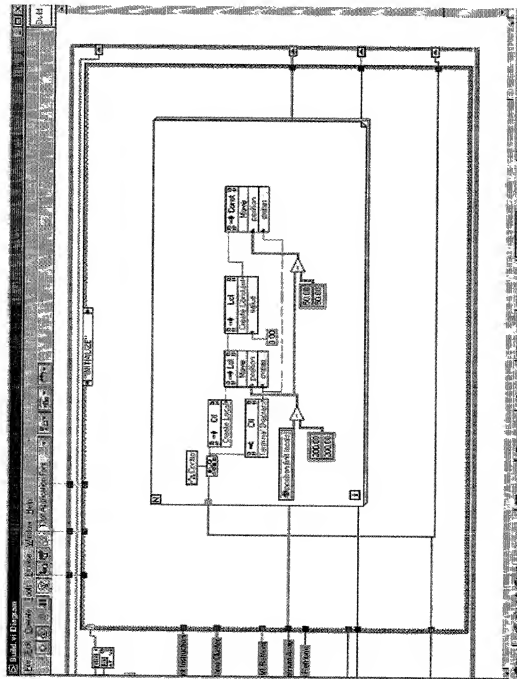


FIG. 18

09/4310.12000

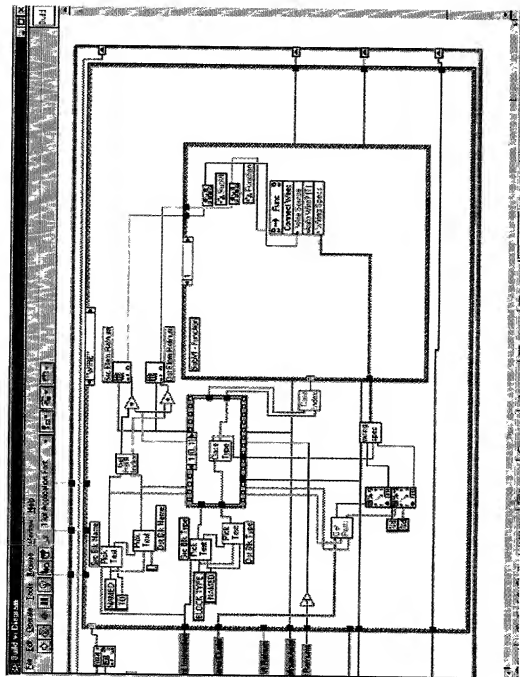


FIG. 19